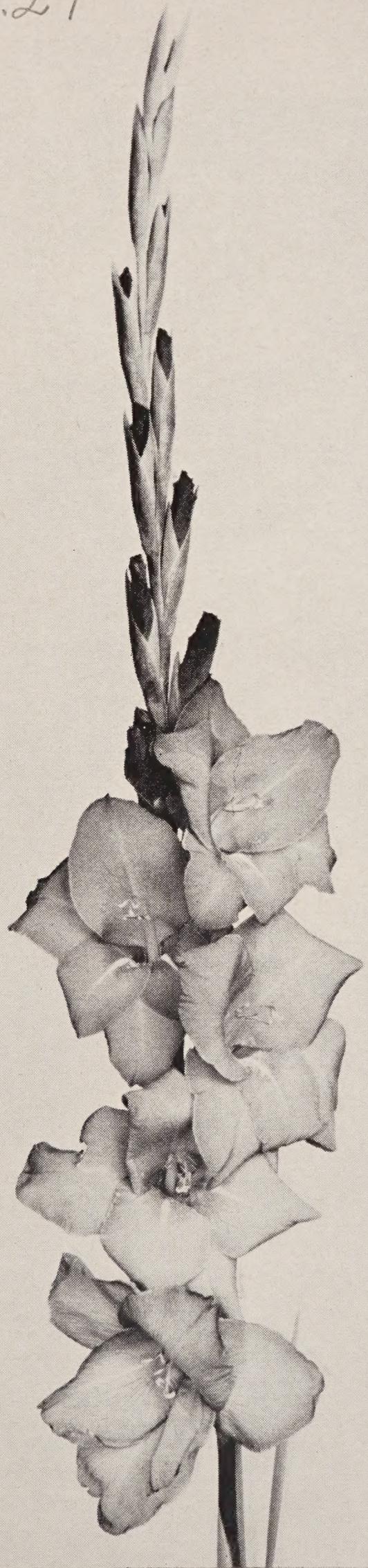


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Regal Red

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U. S. Department of Agriculture

Tall

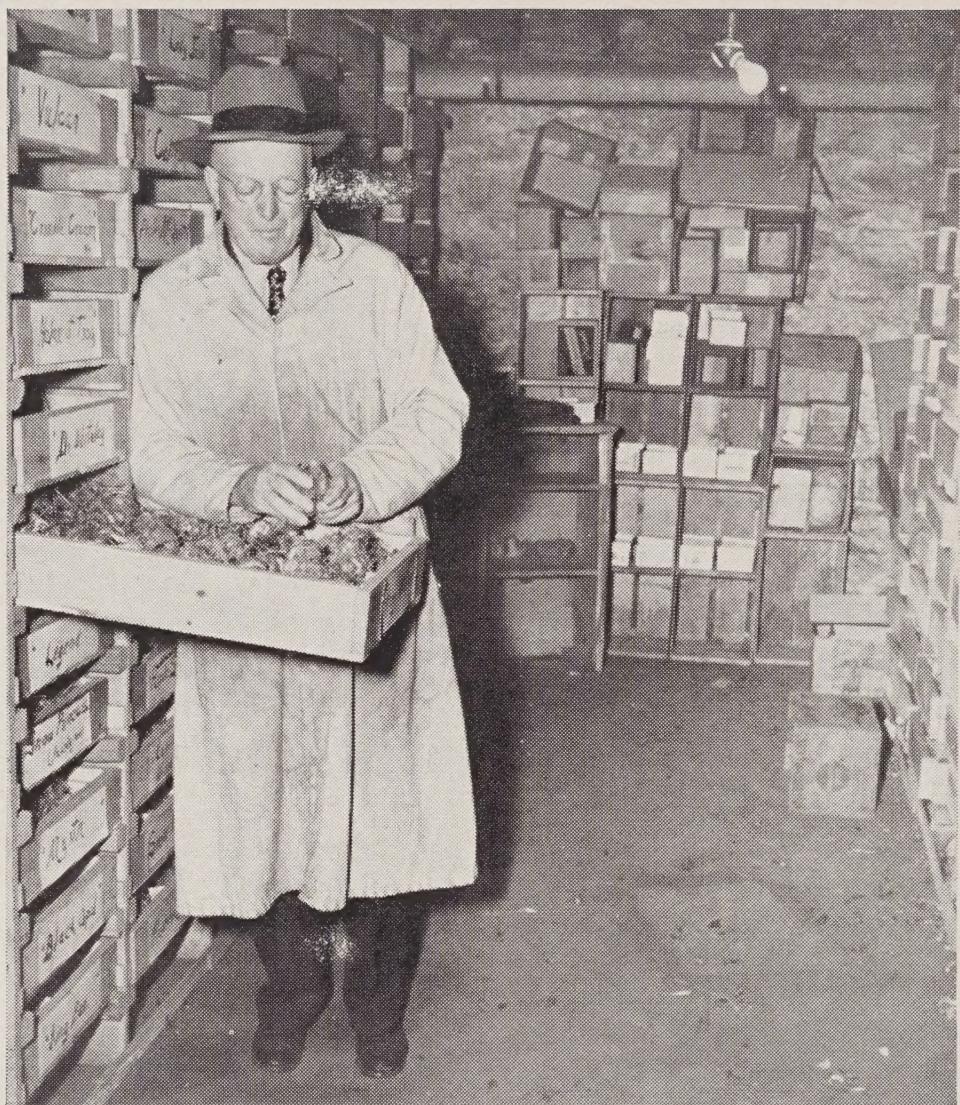
Corn
Glads

1950

H. E. Morrow

318 West Third

Monticello, Iowa



AREN'T THEY BEAUTIES!

MY WINTER SPORT

Inspecting and admiring the bulbs and anticipating the beauty they will produce next summer. This is the best tonic for fatigue that I can find.

WHAT'S IN A NAME?

There seems to be confusion aplenty about what our favorite flower should be called. Now and then we see in print the word "gladiola" used to designate our flower, and many feel some sort of disgust with it. However, Webster's Dictionary lists such a word, and defines it as meaning a gladiolus. So perhaps some of us should be a bit more lenient with those who use the word ending with an "a". The dictionary says that general usage spells the word with an "us" ending for the singular, and a "li" ending for the plural, the "i" having the long sound. However, the American Gladiolus Society in 1925 voted to discontinue the use of the Latin pronunciation, and call our beloved flower, for both singular and plural, by the word "gladiolus", with accent on the last syllable, "lus", thus eliminating the tongue twisting required to pronounce it in the manner of Latin. So our pronunciation is thus, "glad'i-o'lus", and let us thank Mr. Webster for favoring this pronunciation over the Latin.

GREETINGS TO ALL GLAD GROWERS

I do not know of a better means of expressing my appreciation of your patronage than thru this catalogue, so let me now say to you all, "Thanks a million" for a fine business. But more than this, I am greatly indebted to you for your wonderful letters telling of the joy, happiness and satisfaction you have gotten out of growing the bulbs which I have furnished. You will find excerpts thru these pages from some of them. TALL CORN GLADS have made good in a big way all over the United States. I have received many, many orders from new customers who have told me that they purchased on the recommendation of customers of mine. Thanks to all you folk who have said a good word for my bulbs. I deeply appreciate your gladiolus friendship.

To those who have asked for and received my catalogue, but have not placed an order with me, let me suggest that you send me a trial order this season and see for yourself what it means to purchase TALL CORN GLADS. They are the kind that make blue ribbon spikes. My business dealings are marked by generosity, and a high purpose to give satisfaction.

I am now wishing you the finest glad season in 1950 that you have ever experienced.

Most enthusiastically yours,

H. E. Morrow

A CLASSIC WORTH REPEATING

I ran across this in Elmer Gove's catalogue, and, since it did not indicate that it was copyrighted, I am presenting it here as a warning of what you may expect if you become a real glad fan:

"There is a fascination about growing glads that becomes a hobby, then a craze. There are five stages of interest in growing 'glads.' First you just grow them as an amateur, same as you would any other flower. Then as your interest in them increases you become a 'fan', then a 'bug', then a 'nut', then finally a 'fiend.' When you reach this final stage you are hopeless. You think of 'glads' all day, dream of them at night, spend every available minute of your time in the garden, talk of them, visit the shows, read all the catalogs and spend all your money on them. You will look lovingly at the last flower in the fall, will handle your bulbs in the winter time and will hardly be able to wait till you can lovingly plant the bulbs in the spring. From then till the first bloom appears is a period of happy anticipation. When finally the spikes of bloom begin to appear you are in heaven.

"In which class are you? I have been in the last class for years.

"Have just heard of a still further stage of gladiolus interest. A man writes me that he is not a 'fiend' but a 'damn fool.' I think that must be the last stage."

A NATIONAL FLOWER

Some years ago I offered a "Toast to the Glad" in my catalogue. In a recent issue of the Iowa Glad Tidings, and also the Sept. issue of the North American Gladiolus Council Bulletin, that toast has been printed, apparently with the thot of underscoring the idea of making the gladiolus the national flower. I am still of the belief that there is no other flower that would more fittingly symbolize the sterling qualities and beauties of our country than the Gladiolus. What other flower can offer as many worth while traits and characteristics as the Glad? What other flower has more devotees than the Glad? What other flower is more widely grown than the Glad? Why not ask Congress, or some august body, to attend to this important matter?

FRONT COVER

The gladiolus pictured on the front cover is REGAL RED, a 1950 introduction of Carl Fischer. This picture does not do it justice. I have never seen such a magnificent scarlet. Carl says in a letter to me, "We surely stopped cutting other reds when Regal Red came into bloom."

A Few Comments About My Bulbs and Business

1. TALL CORN GLADS. Why do I call my glads by that name? I do so because they possess the characteristics of vigor, health, size and productiveness which characterizes Iowa's TALL CORN, known the world over. They grow in the same soil that produces this TALL CORN, which ought to be a guarantee of superb gladiolus bulbs.

2. STATE INSPECTION. The State Entomologist has recently completed double inspection of my crop—inspected in the field during the growing season, and now again inspected in storage. They examined thousands of the bulbs and did not discover a single diseased one. My customers are assured of this high class, disease-free stock, which has also been treated with DDT thruout the season for Thrips control. Every shipment bears a copy of the Official Certificate of Inspection.

3. BULBS. Generally speaking, the bulbs which go into my orders have produced but one season. They are what we call "yearling" bulbs, one year from the bulblet. They are full grown, and capable of producing show-type, exhibition spikes. I guarantee all bulbs to be true to name.

4. PRICES. I price my bulbs in three sizes, Large (L), Medium (M), and Small (S). Large size ranges from $1\frac{1}{4}$ " UP. Medium size ranges from $\frac{3}{4}$ " to $1\frac{1}{4}$ ". And Small ranges from $\frac{1}{4}$ " to $\frac{3}{4}$ ".

5. SUBSTITUTIONS. I do not substitute varieties without customer's permission. However, now and then I do make substitutions in sizes. If short on Large sizes, I sometimes slip in No. 3. In any instance of size substitutions, I more than meet the value of the Large size ordered. Do not be disappointed with Medium sizes—they are wonderfully capable of producing amazing spikes.

6. EXTRAS. I find great pleasure in slipping a few extras in all my retail orders. I try to put in varieties which I feel sure will please the customer. The extras which are not listed in the catalogue will be from newer varieties in which the insufficiency of stock does not permit cataloguing. However, you may name varieties from which you would like to have your Extras taken, and I will do my best to comply with your suggestions.

7. BULBLETS. Bulblets furnish the most economical method of getting started. Plant them about 2 inches deep, in trenches, give them good cultivation, and at digging time you will be thrilled with what you have gotten for your investment and labors.

8. ARRIVAL OF YOUR ORDERS. Open immediately when received, to admit air. Place them in your regular storage until planting time. Should you discover the bulbs to be spongy, it means they have been frozen after being placed in the hands of the carrier.

9. HOW I SHIP. All listings which I indicate to be shipped postpaid are sent by parcel post only. **I do not ship by parcel post when there is danger of freezing.** In case you want your bulbs during the season of possible freezing they had better be shipped by Express at your expense. Uncle Sam does not insure against freezing, while the Express Companies do. To those who want their bulbs for early planting in the West and South, please take notice.

PLEASE NOTE THESE BUSINESS MATTERS BEFORE MAKING OUT YOUR ORDER

1. All orders accepted subject to stock and prior sales.
2. I price my stock under four headings—
 - A. Retail
 - B. Golden Opportunity Special
 - C. Choice Mixture and Specials
 - D. Wholesale

Please take notice — All orders from the Retail and Choice Mixture listings will be shipped parcel post prepaid IF THE ORDER AMOUNTS TO \$2.00 OR MORE. If it is for a lesser amount please add 20c for postage and packing.

All orders from the Golden Opportunity Special and Wholesale listings are shipped with the postage charges C.O.D. If the customer will remit 25c for each hundred bulbs or fraction thereof I will prepay the postage charges.

3. In case it is not convenient to make full remittance with order, I will hold your order upon payment of 25% of the amount, with a minimum deposit of \$1.00.

4. Orders will be shipped C.O.D. at customers request if they have made a deposit as stated above. No C.O.D. shipments unless there is the down payment. Sad experience necessitates this request.

5. No shipments will be made prepaid during the winter or when there is the possibility of freezing in transit. The Postal Dept. will not insure against freezing. Where shipment is wanted during freezing weather, shipment must be by express, which fully insures against freezing, but Express charges must be borne by the purchaser.

6. Please do not split any item that lists two or more bulbs. Time and costs of putting up orders are too great to accept any item of less than 15 cents.

7. Bulblet packets will contain from 50 to 75 selected bulblets, and often times many more.

8. To those who left orders for bulbs at the Jones County Fair last August: Should any of the prices charged you at this Fair be higher than the prices quoted in this price list, I will put in sufficient extras of such varieties to more than off-set the overcharge. If the prices charged you at the Fair are lower than the prices herein quoted, I will either fill the order as written, or advise you and make cash refund for such amount as you paid on these under-charged items.

9. Please do not write into your orders the numbers which precede the variety name. I do not need them in filling the order.

10. I will refund the purchase price of any order found unsatisfactory upon delivery if promptly reported, and returned at my request. No guarantee as to growth is given.

PRICE LIST EXPLANATIONS

Preceding the variety names are two numbers. The first number, always with three digits is a code number, and has nothing to do with your ordering. It describes by code the color and size of the flower. The first of the three digits designates the diameter of the floret. The digit "3" means the floret measures $3\frac{1}{4}$ " to $4\frac{3}{8}$ "; a "4" means it measures from $4\frac{1}{2}$ " to $5\frac{3}{8}$ "; and a "5" means it measures $5\frac{1}{2}$ " or more. This number is useful to purchasers who are particular to get a certain sized floret.

The second and third digits have to do with colors, and the following tabulation gives their significance:

00	White	43	Deep Salmon with blotch
00	White with throat blotch	50	Light Red
06	Cream	52	Deep Red
10	Light Yellow	54	Black Red
12	Deep Yellow	60	Light Rose
13	Deep Yellow with blotch	62	Deep Rose
16	Buff	66	Lavender
20	Light Orange	70	Purple
22	Deep Orange	76	Violet
23	Deep Orange with blotch	78	Deep Violet
24	Red Orange	80	Smoky
30	Light Salmon	82	Orange Smoky
32	Deep Salmon	83	Salmon Smoky
36	Scarlet	84	Pink Smoky
40	Light Pink	85	Red Smoky
41	Light Pink with blotch	86	Lavender and/or Rose Smoky
42	Deep Salmon	90	Any other colors; polychrome

To illustrate—look at the variety Annamae. The name is preceded by the number "400". The four means that the floret is of medium size, between $4\frac{1}{2}$ " and $5\frac{3}{8}$ " in diameter. The double zeros (00) mean that the variety is white. Turn to the variety, Margaret Beaton, and the number preceding the name is "401". The digit "1" at the end of the number means that the floret has a conspicuous throat blotch. Every odd digit at the end of the number means a conspicuous throat blotch.

The second number preceding the variety names, usually with two digits, indicates the number of days required for the bulb to come to bloom counting from the date of planting. These numbers cannot be relied upon for the

reason that soil conditions, weather and temperature, wetness and drought, the condition of the bulb, and even cultivation all have a bearing on the time required to come to bloom. However, these numbers do provide a comparative basis for making selections.

A — Retail Listing

536-80 ALGONQUIN. A magnificent scarlet. Opens 8 to 10 florets. Wonderful cut flower.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20. Special, 2 L, 3 Med, 5 Sm. for 50c.

300-75 ALPINE. Creamy white to light cream throat. Opens up to 8 florets at once. Excellent.
L. 2—25, 5—50; Med. L. 2—20, 5—40.

433-85 A. L. STEPHEN. A son of Picardy, just as fine and more impressive. Rose pink, beautifully ruffled. Opens 5 to 6.
L. 15c ea., 5—60.

400-70 ANNAMAE. An early paper-white beauty. Opens up to 6. Strong grower, excellent for cutting.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20. Special, 2 L, 3 Med, 5 Sm. for 50c.

560-77 ASTRID. Very beautiful medium rose creamy line in throat, nicely ruffled. Opens 8 to 9.
L. 50c ea.

412-100 AUTUMN GOLD. A deep yellow, as rich as gold, approaching a bronzy cast. Deeply ruffled, lovely beyond words. The richest thing in the field.
L. 2—20; 5—40; Med. 2—15, 5—30; Sm. 5—20. Special, 3 L, 3 Med, 5 Sm. for 50c.

440-90 AVALON. A very charming, pleasing tall, light pink. Opens up to 10.
L. 2—20, 5—40.

466-95 BADGER BEAUTY. A very fine lavender with creamy throat. Opens up to five florets. Among the top lavenders.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20. Special, 3 L, 3 Med, 5 Sm. for 50c.

440-90 BALLAD. Light rose shading to yellowish throat. Opens 5 to 7 exquisitely ruffled florets.
L. 2—20, 5—40; Med. 2—15, 5—30. Special, 3 L, 3 Med. for 30c.

423-90 BANCROFT WINSOR. Deep orange, reddish plume in throat, slightly ruffled, stately spikes, does not burn in sun. Most desirable. Opens up to 6.
L. 15c ea.

440-85 BEAUTY'S BLUSH. A cool, soft blushing color. Seven or eight florets open, precisely arranged on tall stiff flowerheads. Stands hot sun exceptionally well, and opens well in water. This is a real achievement, in color, style and vigor.
L. 20c each, 5—80; Med, 15c ea, 5—60; Sm. 2—20, 5—40.

480-85 BELTRAMI. Originator calls it a rose mulberry, a difficult color to describe, but attractive, and liked by many. It is different.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.

400-80 BENISON. Lovely white with pleasing tone of faint lavender, appearing almost as flesh pink.
L. 2—25, 5—50.

541-75 BIG TOP. A magnificent light pink, small carmine feather in throat. Grand grower and propagator.
L. 2—25, 5—50.

354-92 BLACK OPAL. New black reds are continually showing up but none in my judgment excell this one on the whole. It glistens. Opens 8 to 10 beautiful, flat open florets, making a grand spike.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20. Blbts. 20c pkt. Special, 3 L, 5 Med, 5 Sm. for 50c.

476-75 BLUE BEAUTY. Light violet, often called blue. About as good as blues run.
L. 2—20, 5—40.

"Will you please send me a catalogue. I am a new customer, and have heard so much about your bulbs." (Wisconsin)

582-85 **BOLERO.** Here is something most unusual, and very lovely. Smoky orange-red, with dark velvety red blotches. Large, ruffled, fluted, needle point florets with 7 to 8 open at once. **L. 2-25, 5-50; Med. 2-20, 5-30.**

491-70 **BRAZIL.** A sport of Vagabond Prince, deep salmon with faint bluish overcast on petals, with deep crimson throat. Very attractive. **L. \$1.00 ea.**

540-80 **BRIDESMAID.** Very large, blush pink which blends into creamy throat. Magnificent spikes. **L. 20c ea.**

490-90 **BUCKEYE BRONZE.** A burning bronze, called by some a rosy bronze. Beautiful, grand, lovely, use what words you wish, and you still fall short of its attractiveness. A most striking basket and vase variety, and a spike is a bouquet. Opens up to 6. **L. 15c ea, 5-60; Med. 2-20, 5-40; Sm. 5-30. Special, 2 L, 3 Med, 5 Sm. for 50c.**

562-88 **BURMA.** A very deep rose, opens 8 to 10 huge, heavily ruffled florets. Nothing in the field excels this grand variety. No collection is complete without it. A spike is a show. **L. 15c ea, 5-60; Med. 2-20, 5-40; Sm. 5-30. Special, 2 L, 3 Med, 5 Sm. for 60c.**

400-95 **CASABLANCA.** A stately, impressive, white, opens 6 to 8 ruffled florets, stands heat well, and prolific. **L. 2-20, 5-40; Med. 2-15, 5-30; Sm. 5-20. Special, 3 L, 3 Med, 5 Sm. for 50c.**

543-80 **CHERRY JAM.** Deep salmon, varying in intensity, with conspicuous cherry blotch, as beautiful as its name suggests. Opens 6 to 8 large florets on fine spike. **L. 20c ea, 5-80; Med. 15c ea, 5-60.**

480-85 **CHIEF MULTNOMAH.** Here is a grand reddish purple smoky that you have been looking for. An old variety that is still tops among smokies. **L. 2-20, 5-40; Med. 2-15, 5-30.**

316-75 **COLOR MARVEL.** An unusual blend of orange and pink make it one of the most attractive varieties for floral work. Classed as buff. **L. 15c ea, 5-60; Med. 2-20, 5-40.**

441-90 **CONNECTICUT YANKEE.** A glorious pink with sharp throat blotch. Impressive spikes, with 8 or more open. A whirlwind blue ribbon winner. **L. 60c ea, 5-\$2.40.**

536-85 **COMMANDO.** A fine tall scarlet, strong grower. Opens 6 to 9. **L. 15c ea, 5-60.**

560-80 **CORONA.** An old one that scarcely needs description. Hard to place, but mostly runs creamy white, with rose pink edging on petals. **L. 2-20, 5-40; Med. 2-15, 5-30; Sm. 5-20. Special, 3 L, 3 Med, 5 Sm. for 50c.**

410-86 **CRINKLE CREAM.** A giant spike of rich light yellow ruffled florets. Very beautiful. Opens 5-6. **L. 2-25, 5-50; Med. 2-20, 5-40; Sm. 2-15, 5-30. Special, 2 L, 3 Med, 5 Sm. for 50c.**

300-70 **CUPID.** One of Fischer's grand small varieties. He says of it, "Possesses a chiseled perfection of form, as if carved of white wax." Florets are recurved, rose-like on a willowy 3½ ft. spike. This is best in arrangements. **L. 25c each, 5-\$1.00; Med. 15c ea, 5-60; Sm. 2-20, 5-40.**

521-90 **DAISY MAE.** Classed as an orange, but has pinkish cast, with deeply marked throat. Very popular. Strong grower, with up to 6 florets open at once. **L. 25c—each, 5-\$1.00.**

516-85 **DR. WHITELEY.** Clear yellowish apricot with golden throat. Classed as buff, and it is a good one. Opens up to 7 well placed florets. **L. 2-20, 5-40; Med. 2-15, 5-30.**

342-90 **DREAM CASTLE.** Light coral pink. Opens 6 to 8. A real beauty. **L. 30c each, 5-\$1.20.**

423-85 **DRUM MAJOR.** Large orange, solid blotch, and one every garden ought to have. **L. 30c each, 5-\$1.20.**

566-86 **ELIZABETH THE QUEEN.** A superb lavender that the new ones cannot push around. Large, grand 7-8 florets open. Beautifully ruffled, very distinctive. **L. 2-25, 5-50; Med. 2-20, 5-40.**

466-100 **ELWOOD.** Another very fine lavender, bright, clear, with white throat. Better than Minuet. Opens 6 to 7. **L. 2-20, 5-40; Med. 2-15, 5-30.**

440-80 **ETHEL CAVE COLE.** A large, light pink which makes good for everyone. It is truly striking with beauty. **L. 2-20, 5-40; Med. 2-15, 5-30; Sm. 5-20. Special, 2 L, 3 Med, 5 Sm. for 40c.**

440-85 **FIANCEE.** A large, pale pink, fair and lovely as a fiancee. Always wins admiration. 5 to 7 florets open on fine spike. **L. 2-25, 5-50.**

436-75 **FIREBIRD.** Scarlet with white midrib on lower petal. Opens 6 to 7. **L. 50c ea.**

452-85 **FIREBRAND.** Brilliant, deep, ruffled red; tall, strong spikes. A single spike makes a show. Opens 8 to 10 florets. **L. 2-25, 5-50; Med. 2-20, 5-40.**

540-85 **FORT TI.** A huge, clear light pink, often with light flecking on edge of petals, adding to its beauty and attractiveness. Opens 6 to 8. **L. 2-20, 5-40; Med. 2-15, 5-30.**

401-75 **FREEDOM.** It is difficult to produce a better white than those already on the market. But Freedom does not stand back for any of them. "Freedom is a tall rugged white, lavishly ruffled with a bright rose throat blotch." It gets its name from its stately spikes of white and red, which stand so erect that it suggests the idea of Old Glory—thus the name, Freedom. One grower who raises 50 acres of glads, and who tried it as a seedling said that "this was the greatest glad he had ever had in his house." **L. \$1.00 each, 5-\$4.00; Med. 75c ea, 5-\$3.00; Sm. 50c each, 5-\$2.00.**

442-70 **FRIENDSHIP.** A Fischer introduction in 1949. He says of it, "Color is a bright, frosty shade of pure pink, a true pink of ethereal freshness. Comes as close to being free of faults as any glad I know." Was a sensation with the big growers who tried it out as a seedling. **L. \$1.00 each, 5-4.00; Med. 75c ea, 5-3.00; Sm. 50c ea., 5-2.00.**

432-80 **GENGHIS KHAN.** A deep pink, blending to soft cream throat, with heavy petals which are fluted, ruffled and slightly lacinated. Faultless spikes. Opens 5 to 6. Magnificent is as mild as we can put it. **L. 15c ea, 5-60; Med. 2-25, 5-50; Sm. 5-35. Special, 1 L, 2 Med, 5 Sm. for 50c.**

530-90 **GLAMIS.** Clear light salmon with creamy lip, strongly marked with needle-point petals, ruffled and fluted. This is a perfect beauty. Opens 6-8 florets. **L. 2-25, 5-50; Med, 2-20, 5-40.**

410-77 **GLEAM.** A most beautiful light yellow, heavily ruffled, with 4 to 5 large florets open at once. A fancier's favorite. **L. 2-25, 5-50.**

416-85 **GLENOLDEN.** A superb buff, fine placement of florets, up to nine open at once. Very excellent spikes. **L. \$1.25 each.**

510-85 **GOLDEN ARROW.** Very good pure light yellow, large floret. 6 to 8 open at once. **L. 30c ea.**

430-100 **GOLDENHEART.** Rich salmon that blends into a large golden throat. Heavy texture florets, vigorous grower. **L. 2-20, 5-40; Med. 2-15, 5-30; Sm. 5-20.**

"Just a line or two to tell you that my glads were wonderful this past season, the nicest I ever had. **MARGARET BEATON, PICARDY, PURPLE SUPREME** were grand, and I could go on and on and say this of many others. I am sending you the names and addresses of interested parties, to whom I wish you would send your catalogue. I am placing another order with you for bulbs." (Michigan)

512-90 **GOLDEN STATE.** A huge deep yellow, one of the kind many have been looking for. A great show winner. Opens up to ten and more at once. **L. 25c each, 5—\$1.00.**

412-85 **GOLDEN TETON.** A peculiar color, a sort of fusing of yellow and scarlet, with some florets very definitely yellow, and others with a pinkish cast. Large spikes and rugged. **L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—30. Special, 2 L, 3 Med, 3 Sm. for 50c.**

424-75 **GRATITUDE.** A beautifully ruffled medium orange with a small yellow throat blotch. Opens 5 to 6 on a long flowerhead. Rugged grower, does not crook. A wonderful basket flower. **L. 15c ea., 5—60; 2—20, 5—40.**

440-85 **GRETA GARBO.** Light, creamy pink, 6 to 8 large florets. Is worthy a place in any collection. **L. 2—20, 5—40; Med. 2—15, 5—30.**

424-80 **HALLOWEEN.** A brilliant orange red, with more reddish throat. Opens 5 to 7. A spike makes a vase. **L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—30.**

533-75 **HARMAU.** Orange red with rosy overtone, throat deeper, giant spikes, slightly ruffled, with 6 to 9 open at once. **L. 2—20, 5—40; Med. 2—15, 5—30. Special, 2 L, 3 Med, 5 Sm. for 50c.**

450-85 **HAWKEYE RED.** A light red sport of Vagabond Prince, with all of the Vagabond's fine qualities, and perhaps larger florets. An excellent red, opening 6 to 8 florets. **L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—30. Special, 2 L, 3 Med, 3 Sm. for 50c.**

582-95 **HIGH FINANCE.** A smoky light orange, with creamy throat. Huge florets, beautifully designed and ruffled, opening as many as 9 at once. **L. 2—25, 5—50; Med. 2—20, 5—40.**

440-85 **HOPEDALE.** A delicate flesh pink with slightly lighter throat. Large florets, very lovely, heavy texture, heat resistant. **L. 2—20, 5—40; Med. 2—15, 5—30.**

536-90 **INTRUDER.** A giant flaming red scarlet. Opens 8 to 10 at once. A truly worth while glad. **L. 60c each.**

406-90 **IVORY KEYS.** A wonderful cream, grows tall with dignity and beauty combined. Yellowish throat, making a striking flower. Opens 5 to 7 at once. **L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20. Special, 3 L, 3 Med, 5 Sm. for 50c. Blbts. 20c per pkt.**

422-88 **JAY'S JOY.** A strong growing, lovely orange, with lighter throat. **L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—25. Special, 2 L, 3 Med, 5 Sm. for 50c.**

440-85 **JEANIE.** An alluring rich, fresh pink unmatched by any other pink. Very lovely. Opens 4 to 6 at once. **L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20. Special, 3 L, 5 Med, 5 Sm. for 50c. Blbts 20c per pkt.**

530-88 **KELSEY.** Another sport of Picardy, a light salmon pink blending to a clear cream, yellow throat. Opens 7-9 six inch florets. **L. 75c each.**

452-80 **KENWOOD.** An absolutely pure red, and a marvelous spike. Opens 5 to 6 florets at once. **L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20. Blbts. 20c per pkt.**

552-90 **KING CLICK.** Another wonderful red, larger than Kenwood. Has been one of the greatest show winners thru recent years. Opens 8 to 9 at once. **L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—25. Blbts. 25c per pkt.**

570-75 **KING LEAR.** Rich velvety red-purple of immense size and marvelous ruffling. Tall and healthy. Opens 5-6 florets at once, florets with silver lining on edge of petals. **L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20. Blbts 20c per pkt. Special. 2 L, 3 Med, 5 Sm. for 40c.**

340-90 **LADY BOO.** A wonderfully delicate and lovely shell pink without markings. Florets up to five inches. Opens up to six florets at once. **L. 60c each.**

406-85 **LADY JANE.** Clear cream with yellow lip petals, which gives it the appearance of light yellow. Opens 6 to 8 large slightly ruffled florets. **L. 2-20, 5-40; Med. 2-15, 5-30; Sm. 5-20; Blbts 20c per pkt.**

410-80 **LADY LUCK.** A Sport of Picardy. Might be thought of as a lady attired in soft light pink with cream trimmings. "She's tall, she's a blonde," one grower describes her. Opens 8 to 9. **L. 2-25, 5-50; Med. 2-15, 5-30**

506-90 **LAKE PLACID.** A large cream, almost white, with creamy yellow throat. Strong show winner. Opens to 8 at once. **L. 30c each, 5-\$1.20. Med. 20c each, 5-80. Special, 1 L, 2 Med, 2 Sm. for 60c.**

470-85 **LANCASTER.** A clear dark purple, lightly ruffled, on tall spikes, making a wonderful exhibition variety. The truest purple of all. Opens 8 to 10 at once. **L. 25c each, Med. 20c each.**

425-90 **LARIME.** A stylish, showy orange, with conspicuous throat markings. Opens up to nine at once. **L. 30c ea, 5-\$1.20; Med. 20c ea, 5-80; Sm. 2-25, 5-50. Special, 1 L, 2 Med, 3 Sm. for 60c.**

366-70 **LAVENDER AND GOLD.** A fresh, clean light lavender touched with large creamy yellow throat. Much desired by florists for its daintiness and beauty. Opens 5 to 6. **L. 2-20, 5-40; Med. 2-15, 5-40; Sm. 5-20. Blbts 20c pkt. Special, 3 L, 3 Med, 5 Sm. for 40c.**

466-90 **LAVENDER PRINCE.** Another fine lavender that is in big demand. Opens up to six large florets at once. **L. 20c each, 5-80; Med. 15c each, 5-60.**

506-87 **LEADING LADY.** A magnificent huge flowered cream that stands out by itself in the field and vase. This is a "must" in any good collection. Opens up to 8 at once. **L. 2-20, 5-40; Med. 2-15, 5-30; Sm. 5-20. Blbts 20c pkt. Special, 2 L, 3 Med, 5 Sm for 50c.**

540-90 **LEGEND.** A light pink with ivory white throat, large blooms that are the perfection of refinement and delicacy. Opens up to 8 large blooms. **L. 2-20, 5-40; Med. 2-15, 5-30; Sm. 5-20; Blbts 20c pkt. Special, 3 L, 3 Med, 5 Sm. for 50c.**

501-85 **MARGARET BEATON.** A pure snow white with a modest blotch of orange scarlet in throat. Very beautiful, and in great demand. Opens 6 to 8 at once. **L. 2-20, 5-40; Med. 2-15, 5-30; Sm. 5-20; Blbts 20c pkt.**

533-80 **MARGUERITE.** Deep salmon with conspicuous throat marking of cream. Some call it watermelon pink. One of the prize winners among glads. Opens from 5-6 at once. **L. 2-20, 5-40; Med. 2-15, 5-30; Sm. 5-20.**

421-85. **MARQUETTA.** Light orange, beautifully ruffled, with orange-red throat marking. Healthy, strong grower. Opens 5-6. **L. 2-25, 5-50; Med. 2-20, 5-40.**

536-95 **MARSEILLAISE.** Another grand red, sometimes described as rose scarlet. Very showy. Opens 8-10. **L. 2-25, 5-50; Med. 2-20, 5-40; Sm. 5-30; Blbts 30c pkt.**

436-85. **MERCURY.** A clean non-flecking scarlet, worthy a place in any good collection. **L. 15c each, 5-60; Med. 2-20, 5-40.**

"I want to take this means of thanking you for the lovely glad bulbs you sent me. I think they are the loveliest bulbs I have ever received. Can hardly imagine anyone sending so many extras, and everyone of them of the newest introductions. I certainly want you to know that I appreciate it and will remember you when I need more glad bulbs. I am more than pleased—I'm really happy." (Iowa)

460-90 MISS WISCONSIN. A rather new shade of lavender—very beautiful, and outstanding for exhibition. Opens 6 to 8.
L. 25c each, 5—\$1.00; Med. 20c each, 5—80.

580-95 MISTY DAWN. Tall smoky gray, or bluish salmon. Great show winner, admired by all.
L. 2—20, 5—40; Med. 2—15, 5—30.

454-85 MOHAWK. Dark velvety red classed as black red. Very rich velvety petals. Opens 7 to 8 at once.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20.

310-77 MOTHER KADEL. Clear medium yellow of top rank. Good for showing and commerce. Opens 5 to 7.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20. Blbts 20c pkt.

466-75 MYRNA FAY. An orchid lavender that has made its way fast to fame in the glad world. Opens 8 to 9.
L. 50c each, 5—\$2.00; Med. 35c each, 5—\$1.40; Sm. 20c each, 5—80. Special, 1 L, 2 Med, 2 Sm. for \$1.00. Blbts 35c pkt.

440-85 MYRTH. A mellow light pink that defies words to describe its beauty. Florets round and ruffled most delicately. Tremendously healthy, and vigorous grower. Opens 5 to 6 at once.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20. Blbts 20c pkt. Special, 5 L, 5 Med, 5 Sm. for 50c.

436-100 NEW EUROPE. A brilliant scarlet from Europe over which the public has done much raving. Very large florets, fine spike. Opens 8 to 10.
L. 2—25, 5—50.

386-90 OKLAHOMA. A dainty smoky lavender that is a darling. Opens 6 to 7.
L. 35c each, 5—\$1.40; Med. 25c each, 5—\$1.00.

506-85 ORIENTAL PEARL. A giant clear cream, probably the tallest and strongest growing cream. Heavy texture. Is a great show winner because of its giant florets, with 4 to 6 open at once.
L. 25c each, 5—\$1.00.

440-85 PHANTOM BEAUTY. This is a glad of precisions, precision placement of florets, and precision spikes. A wonderful, show winning blush pink beauty, with up to 10 open.
L. 60c each, 5—\$2.40.

432-96 PHOEBE. A clean, deep salmon blending to soft creamy throat. Ruffled, good substance, opening 8 to 10.
L. 50c each, 5—\$2.00; Med. 35c each, 5—\$1.40.

442-80 PINK CHARM. Deep pink, with waxy texture, somewhat deeper color in throat. Opens up to 6 florets.
L. 30c each, 5—\$1.20.

366-85 POET'S DREAM. This is truly a dream of lavender, creamy throat, waxy, heavy textured florets, handsomely ruffled, precisely placed on strong spikes. Opens from 4 to 6 beautiful florets.
L. 2—25, 5—50; Med. 2—20, 5—40.

470-85 PURPLE SUPREME. Some rate this as the best purple. Makes a magnificent spike. Opens 6 to 8 at once.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20. Blbts 20c pkt.

590-90 R.B. A reddish brown that gives a bronzy effect. Very showy, grand for basket work. Opens 5 to 6 at once.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20; Blbts 20c pkt.

436-100 REGAL RED. 1950 introduction of Carl Fischer. See picture on front cover. Fischer says, "A king-size scarlet that builds the most imposing spike of anything we know in its color class. A tall, stately, massive, lustrous scarlet which grows consistently over five feet tall. The entire flower is overlaid with a distinct, silvery sheen that requires no imagination to see." Opens 5 to 6 giant florets at a time, on spikes which almost never are stubby. They are grand. This was the supreme creation of my entire field this year in spite of the hot, dry spell.
L. 50c ea, 5—2.00; Med. 35c ea., 5—1.40; Sm. 25c eac., 5—1.00.

452-85 RED CHARM. Classed as a deep red, magnificent spikes, very showy. Opens 8 to 9 florets at once.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20; Blbts 20c pkt. Special 1 L, 2 Med, 5 Sm. for 50c.

560-70 **ROSE O'DAY.** A great lavender which is on the red side. Opens up to 10 huge florets. A show variety. **L. 20c each, 5—80; Med. 15c each, 5—60.**

362-70 **ROSY RED.** Deep rose red, glowing, heavy substance, opening 6 to 7 florets at once. **L. 2—20, 5—40; Med. 2—15, 5—30.**

454-80 **ROYAL GARNET.** Black red with some fire in throat. Larger floret than Black Opal. Very beautiful. **L. 30c each, 5—\$1.20.**

354-80 **ROYAL ROBES.** Another black red, rich and elegant in color. Opens 5 to 6 florets. **L. \$1.25 each.**

550-80 **ROYAL WINDSOR.** A glowing light red, excellent texture, slightly ruffled. Exceedingly popular in the shows. Opens 8 to 10 florets. **L. 50c each.**

507-80 **SALMAN'S GLORY.** Immense cream, red blotch edged yellow. Opens 6 to 7 florets. Truly grand. **L. 20c each, 5—80.**

401-90 **SILVER STAR.** Large pure white, throat blotch of purple shading to lavender, which makes it very striking. Also beautiful, slightly ruffled, opening 6 to 8 florets. **L. 20c each, 5—80.**

500-88 **SILVER WINGS.** A large white, petals overcast with a glistening sheen, producing an ethereal beauty. Opens 7 to 9 ruffled petals. **L. 15c each, 5—60; Med. 2—25, 5—50.**

400-85 **SNOWBANK.** A superbly ruffled white. It is a dream. Opens 6 to 7 at once. **L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20; Blbts 20c pkt.**

400-85 **SNOW WHITE.** Pure snow white with a touch of lemon in throat. Opens 5 to 6 large, beautifully ruffled florets. **L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20; Blbts 20c pkt.**

536-85 **SOUTHERN DRAMA.** A large fiery scarlet. Opens 5 to 7 florets. **L. 15c each, 5—60.**

432-80 **SPIC AND SPAN.** A magnificent deep pink, taking the big glad shows everywhere. Opens 7 to 9 florets. This is an indispensable in any good collection. **L. \$1.00 each; Med. 75c each.**

413-80 **SPOTLIGHT.** A clear deep yellow, very rich, with a feathery blotch of scarlet, which gives it a tremendous set-off. There is no more magnificent yellow today. Opens 6 to 7, on a very excellent spike. **L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—30; Blbts 25c pkt. Special, 2 L, 2 Med, 5 Sm. for 50c.**

450-90 **STOPLIGHT.** This glad is well named for it does stop you in your tracks when a row of them is in bloom. Opens 7 to 8, making a grand spike, and seldom a poor one. **L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20; Blbts 20c pkt. Special, 2 L, 2 Med, 5 Sm. for 50c.**

300-85 **SUMMER SNOW.** 1949 introduction of Fischer. "The distinctive feature of Summer Snow is its glacial purity of color. Does not have the customary cream throat of most white glads. Snow-white even to the stamens. Chaste as new-fallen snow." Makes a long flowerhead of ruffled florets, extremely regular placement. Has lots of character. **L. 50c ea., 5—2.00; Med. 35c ea., 5—1.40; Sm. 25c ea., 5—1.00.**

400-92 **SURFSIDE.** Here is one of the older whites, but it does not need to apologize to the newer ones. It is healthy, vigorous, fine cut flower, beautifully ruffled, and heavy substance. Opens 7 to 8 making a fine showy spike. **L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20; Blbts 20c pkt.**

"Last year I purchased a few bulbs from you and I think you gave me more in dollars and cents of gratis bulbs than I ordered. I certainly want to thank you. Last year you gave me a few **GLAMIS** bulbs and I want to say that I have never seen such a beautiful glad, to me beyond expression. I just can't praise the beautiful glad too much. I am certainly glad that I ordered bulbs from you." (Ohio)

440-80 SUSANNAH. Beautiful ruffled light pink, shading to white throat. Opens 5 to 6 lovely, heavily ruffled very artistic florets. A grand combination of refinement and delicacy.
L. 25c each, 5—\$1.00; Med. 20c each, 5—80. Special, 1 L, 2 Med, 2 Sm. for 50c.

416-90 SUSQUEHANNA. A clear peach buff with creamy throat. Very much liked by the public. You will like it. Opens 6 to 8 lovely florets
L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 5—20; Blbts 25c pkt. Special, 2 L, 3 Med, 5 Sm. for 50c.

500-70 TEXAS. Creamy white, giant florets, tall grower, opening 7 to 9. A very fine white.
L. 60c each.

590-90 TONY. A rich light chocolate, with orange blotch, lightly ruffled. Makes enormous growth. Opens up to 7 florets. Very fine.
L. 25c each.

536-78 TUNIA'S MARVEL. A bright, metallic scarlet with prominent light blue violet strip on lip of petal. Opens 9 to 10 on 20 bud spike.
L. 25c each, Med. 15c each.

422-80 TUT'S BOTH. Deep pastel orange, with a small, blue tongue, huge florets tightly attached to stem, making a magnificent spike.
L. 35c each, 5—\$1.40; Med. 25c each, 5—\$1.00.

391-80 VAGABOND PRINCE. A mahogany brown shading lighter in throat with small vivid scarlet blotch. Opens 8 to 10 lovely florets at a time. No other variety to compare with it.
L. 2—20, 5—40; Med. 2—15, 5—40; Sm. 5—20; Blbts 20c pkt. Special, 2 L, 3 Med, 5 Sm. for 50c.

312-75 VANGOLD. Deep yellow, like gold without markings. A very valuable yellow. Opens 5 to 6.
L. 20c each, 5—80.

500-90 VANWHITE. A pure white, slightly ruffled, and a glorious flower. It is as good as they come.
L. 2—25, 5—50; Med. 2—20, 5—40; Sm. 2—15, 5—30.

454-85 VELVET MANTLE. The rich maroon color has a lustrous, silken sheen that is not equalled in any glad of this deep shade. Opens up to 9 round, flat-open florets well placed on a five foot spike. Has a darker line in throat.
L. \$1.00 ea., 5—4.00; Med. 75c ea., 5—3.00; Sm. 50c ea., 5—2.00.

430-95 VICTORY QUEEN. Rich salmon orange with deep cream throat. Opens 7 to 8 beautiful florets.
L. 25c ea, 5—\$1.00; Med. 20c each.

486-80 VOOODOO. One of the most striking and pleasing glads in the field. A smoky plum colored novelty with a little bronze mixed in, 6" florets, ruffled and needle point.
L. 35c ea.

366-80 WEDGEWOOD. This is a master piece of grace, purity and refinement. A waxy ruffled lavender gem, with five to 7 sculptured florets precisely arranged makes this one of the most charming varieties in the field. It is truly a color marvel, a rich lavender with cream throat. Named for the delicacy and refinement of Wedgewood china.
L. 25c ea., 5—1.50; Med. 25c ea., 5—1.00; Sm. 15c ea., 5—60.

500-85 WHITE CHRISTMAS. Magnificent, heavily ruffled white, rivals the Regal Lily in its heavy, waxy substance. Opens 6 to 8 recurved, fluted florets on a 20-bud spike. A sensational show winner all over the country.
L. 50c ea., 5—2.00; Med. 35c ea, 5—1.50; Sm. 25c ea, 5—1.00.

506-70 WHITE GOLD. Clear light cream shading to golden throat. Opens 4 to 6 large florets, making a massive spike of beauty. Has swept the big shows for several years.
L. 2—20, 5—40; Med. 2—15, 5—30; Sm. 5—20; Blbts 20c pkt. Special, 3 L, 3 Med, 5 Sm. for 50c.

484-95 ZUNI. Grayish purple with slight ruffling. Some say it is salmon and dark slate with slight feather of orange. Opens 8 to 10 beautiful florets, making a massive spike.
L. 2—25, 5—50; Med. 2—20, 5—40.

“Your bulbs have been recommended to me by one of your good customers, so I am sending you an order.” (Iowa)

B — Golden Opportunity Special

THE BIGGEST BUY IN THIS CATALOGUE. LOOK IT OVER IF YOU LIKE GOOD GLADS AND REAL BARGAINS.

The following varieties are some of the older introductions which have disappeared from many catalogues because of so many more recent introductions. However, they are still splendid cut flower varieties, much liked by florists, and some of them blue ribbon winners yet. This is your chance to get a lot of gladiolus satisfaction for a small investment. Please read the following carefully before making out your order:

1. I cannot ship these prepaid at such low prices. Add 25c to your remittance for shipping charges.
2. Here are the special prices which apply to all the varieties listed below:
Large bulbs, 3—20, 10—50; Medium bulbs 5—20, 10—35; Small bulbs, 10—20, 25—40c; Blbts. 20c per pkt.
3. An EXTRA to the Special prices: You may have **3 L, 5 Med, and 10 small bulbs, total of 18, for only 50c. Regular price is 60c.**
4. Take notice of this request—Please do not copy in your order the numbers which precede the variety name. The first number is explained on page 5 and describes the variety. The second number indicates the average number of days required for a variety to come to bloom from the day of planting.

532-85	ALADDIN —Huge ruffled salmon, creamy throat. Short spike.
352-75	AMADOR —A glowing red, brilliant, different.
416-80	ARETHUSA —Early ruffled buff. Very good.
580-85	BAGDAD —Smoky old rose, huge spikes, late.
436-90	BEACON —Bright rose scarlet, flashy cream throat.
442-90	CARILLON —Light rose, creamy throat blotch. Good.
424-88	CORAL GLOW —Clear, light reddish-orange. Very showy.
362-70	EARLY ROSE —Medium rose, shading darker. Early. Lovely.
400-85	FAIR ANGEL —Creamy white, and a lovely creation.
460-95	FRANCES M. IRWIN —Light rose pink, darker throat. Beautiful.
306-75	GARDENIA —Early light cream, golden throat. Medium size.
441-70	GENERAL DOUGLAS McARTHUR —Tall light pink, ruffled, top notcher.
412-70	GOLD DUST —Deep, rich yellow, good size.
312-85	GOLDEN CUP —Deep golden yellow, cup shape. Graceful and charming.
586-90	IRAK —Silvery gray, smoky, huge spike and florets.
410-80	JASMINE —Light yellow, heavily ruffled.
436-85	KING BEE —Combination of salmon and scarlet. Very good.
590-85	KING TAN —Rosy tan—different, might call it bronzy.
530-85	KING WILLIAM —A soft salmon with creamy throat, large.
440-88	LADDIE —Light pink, large as Picardy, more beautiful.
366-82	LAVENDER QUEEN —Deep lavender, nearing violet.
366-85	LAVENDER RUFFLES —Very attractive, beautiful lavender.
436-85	LIBERATOR —Very rich scarlet, petals edged silvery.
540-85	MAGNOLIA —Light creamy rose, recurved petals, beautiful.
400-80	MAID OF ORLEANS —The old standard of whites. Good.
550-95	MASTER MYRON —Tall, showy light red.
466-90	MINUET —A light pinkish lavender that has led the field.
400-80	MYRNA —A white that still wins blue ribbons.
440-95	NEW ERA —Properly named in its day. Still grand pink.
311-80	OPHIR —Light yellow, red throat marking, deeply ruffled.
410-110	OREGON GOLD —Top notch light yellow, ruffled.
406-80	PACIFICA —Stately cream, slightly ruffled, lovely.
442-85	PANDORA —A superior Picardy tho not quite as large.

"A neighbor lady and I divided a collection we got from you two years ago, and they certainly have been admired by everyone who sees them. They are the most beautiful glads I have ever raised. That **KING LEAR** catches the eye of everyone." (Iowa)

442-90 PEGGY LOU—Deep pink, darker than Picardy.
440-90 PHYLLIS McQUISTON—Strong, clear light pink, very nice.
530-90 PICARDY—Still at the top among salmons.
340-90 PURITAN—Very beautiful light pink, ruffled, snowy throat.
436-95 REGENT—Clear glowing scarlet, worth growing.
554-95 REWI FALLU—Rich black red, heavy velvety petals, glowing.
450-85 ROCKET—Gorgeous scarlet, but it often comes short.
460-80 ROSA VAN LIMA—Fine light rose, fine commercial.
362-70 ROSE GEM—Early medium rose. Graceful and lovely.
560-105 SENSATION—Light rose, tall, immense spikes and florets.
406-100 SHIRLEY TEMPLE—Beautiful, heavily ruffled cream. Well named.
530-100 SHOW QUEEN—Deep pink, truly showy, large, beautiful.
401-80 SILENTIUM—White, similar to Margaret Beaton.
400-90 SNOW PRINCESS—A dependable, pure white, hard to beat.
407-85 VEECREAM—Rich cream, deeply ruffled, scarlet throat.
470-83 VULCAN—A rich purple, grows tall, strong spikes.
406-83 WANDA—A grand creamy sport of Picardy.
200-75 WHITE QUEEN—Very early, pure white, small flower. Fine.
443-90 WINGS OF SONG—Deep pink, large, magnificent florets.
406-75 WINSTON—Creamy white, deeply ruffled, lovely.

C — Choice Mixture and Specials

No. 1—CHOICE MIXTURE. I am able to offer this most exceptional mixture at these low prices because it enables me to keep my stock in balance. I never put in more than five bulbs of a variety in a hundred, and often as many as 50 varieties are put in. Most of these are taken from my catalogued varieties, while now and then I put in newer varieties which I do not catalogue. You are assured of a wide range of color in this offer. Here are the prices:

100	Large bulbs (1 $\frac{1}{4}$ " up) postpaid	\$5.00
100	Medium bulbs (3/4" to 1 $\frac{1}{4}$ ") postpaid	3.00
100	Small bulbs (1/4" to 3/4") postpaid	1.75
25	or more may be had at the hundred rates.	

No. 2—All large bulbs, 1 $\frac{1}{4}$ inch and up.

2 Bridesmaid, 2 Cherry Jam, 1 Connecticut Yankee, 2 Genghis Khan, 2 Myrna Fay, 1 Spic and Span, 2 Larime. 12 large bulbs, value \$4.30 for \$3.00 postpaid.

No. 3—All large bulbs, 1 $\frac{1}{4}$ inch and up.

5 Burma, 5 Silver Star, 5 Spotlight, 5 Buckeye Bronze, 5 Myrna Fay, 3 Oklahoma, 2 Oriental Pearl. 30 large bulbs, value \$5.90 for \$4.50 postpaid.

No. 4—All large bulbs, 1 $\frac{1}{4}$ inch and up.

2 each of the following varieties: Lake Placid, Voodoo, Color Marvel, A. L. Stephen, Daisy Mae, Crinkle Cream, Miss Wisconsin, Rose O'Day, Bolero. 18 large bulbs, value \$3.80 for \$2.90.

No. 5—All large bulbs, 1 $\frac{1}{4}$ inch and up.

2 each of the following: Southern Drama, Bancroft Winsor, Firebrand, Tony, Susannah, Vangold, Phoebe. 14 large bulbs, value \$3.25 for \$2.50.

D — Wholesale List

The following varieties are priced by the 100. 25 of a kind may be had at the 100 rate. These prices are F.O.B. and will be shipped parcel post collect, or prepaid for 25 cents per 100 additional.

	Large	Medium	Small
ALADDIN	\$ 3.50	\$ 2.50	\$ 1.50
ALGONQUIN	4.50	3.25
AUTUMN GOLD	5.00	3.75	2.50
BADGER BEAUTY	4.00	3.00	2.00
BAGDAD	3.00	2.00	1.00
BEACON	3.50	2.50	1.50
BLACK OPAL	4.00	2.75	1.50
BUCKEYE BRONZE	4.50	3.25	2.00

	Large	Medium	Small
CARILLON	3.50	2.50	1.50
CORONA	3.50	2.50	1.50
CRINKLE CREAM	7.00	4.50
ETHEL CAVE COLE	4.00	3.00	2.00
FRANCES M. IRWIN	3.50	2.50	1.50
GARDENIA	3.00	2.00	1.00
GOLD DUST	3.00	2.00	1.00
GOLDEN CUP	3.00	2.00	1.00
JASMINE	3.00	2.00	1.00
JEANIE	4.00	3.00
KENWOOD	6.00	4.50
KING BEE	3.50	2.50	1.50
KING TAN	4.00	3.00	1.75
KING WILLIAM	4.00	3.00	2.00
LADY JANE	4.50	3.00	1.75
LARIME	15.00	11.00	7.00
LAVENDER AND GOLD	6.00	4.50	3.00
LAVENDER RUFFLES	3.50	2.25	1.25
MARSEILLAISE	5.00	3.50	2.00
MASTER MYRON	3.50	2.50	1.50
MOTHER KADEL	4.50	3.00	1.75
MYRNA	3.00	2.00	1.00
MYRTH	3.50	2.25	1.25
OPHIR	3.00	2.00	1.00
OREGON GOLD	4.00	3.00	1.75
PACIFICA	3.50	2.50	1.25
PEGGY LOU	3.00	2.00
PHYLLIS McQUISTON	3.00	2.00	1.00
PICARDY	3.50	2.25	1.25
PURITAN	3.00	2.00	1.00
PURPLE SUPREME	4.50	3.25	2.00
REWI FALLU	3.50	2.25	1.25
ROSE VAN LIMA	3.50	2.25	1.25
ROSE GEM	3.00	2.00	1.00
SENSATION	3.50	2.25	1.25
SHOW QUEEN	4.00	2.75	1.25
SILENTIUM	3.50	2.25	1.25
SNOW PRINCESS	3.00	2.00	1.00
SNOW WHITE	3.00	2.00	1.00
SPOTLIGHT	4.50	3.00
STOPLIGHT	4.50	3.00	1.50
SURFSIDE	3.50	2.25	1.25
SUSQUEHANNA	7.00	4.50	2.00
VAGABOND PRINCE	3.00	2.00	1.00
VULCAN	4.50	3.00	1.50
WANDA	3.50	2.25	1.25
WHITE GOLD	4.00	2.75	1.25
WHITE QUEEN	3.00	2.00	1.00
WINGS OF SONG	3.50	2.25	1.25
WINSTON	3.00	2.00	1.00

COLOR GROUPS

For the convenience of those who wish to select by colors, I am listing the varieties described in this catalogue by colors:

00 WHITE. Alpine, Annamae, Benison, Casablanca, Fair Angel, Maid of Orleans, Myrna, Snow Princess, Snowbank, Snow White, Silver Wings, Surfside, Vanwhite, White Queen, Texas.

01 WHITE. With throat blotch. Silver Star, Margaret Beaton, Silentium.

06 CREAM. Gardenia, Ivory Keys, Leading Lady, Oriental Pearl, Pacifica, Shirley Temple, Lady Jane, Lake Placid, Wanda, White Gold, Winston.

07 CREAM WITH BLOTCH. Salman's Glory, Veecream.

10 LIGHT YELLOW. Crinkle Cream, Gleam, Golden Arrow, Jasmine, Ophir, Oregon Gold, Mother Kadel.

12 DEEP YELLOW. Autumn Gold, Gold Dust, Golden Cup, Golden State, Golden Teton, Vangold.

13 DEEP YELLOW. With blotch. Spotlight.

16 BUFF. Arethusa, Color Marvel, Dr. Whiteley, Glenolden, Susquehanna.

21 ORANGE. With blotch. Daisy Mae, Marquette.

22 DEEP ORANGE. Jay's Joy, Tut's Both.

23 DEEP ORANGE. With blotch. Drum Major, Bancroft Winsor.

24 ORANGE RED. Coral Glow, Halloween.

25 ORANGE RED. With blotch. Bolero, Larime.

30 LIGHT SALMON. Glamis, Goldenheart, Kelsey, King William, Picardy, Show Queen, Victory Queen.

32 DEEP SALMON. Aladdin, Genghis Khan, Phoebe, Spic and Span.

33 DEEP SALMON. With blotch. A. L. Stephen, Harmau, Marguerite.

36 SCARLET. Algonquin, Commando, Beacon, Firebird, Intruder, King Bee, Liberator, Marseillaise, Mercury, New Europe, Regent, Southern Drama, Tunia's Marvel.

40 LIGHT PINK. Avalon, Corona, Ethel Cave Cole, Bridesmaid, Ballad, Fiancee, Fort Ti, Greta Garbo, Hopedale, Laddie, Lady Luck, Lady Boo, Legend, Jeanie, Magnolia, Myrth, New Era, Phyllis McQuiston, Puritan, Susannah, Phantom Beauty.

41 LIGHT PINK. With blotch. Big Top, Connecticut Yankee, Gen. Douglas McArthur.

42 DEEP PINK. Carillon, Dream Castle, Pandora, Peggy Lou, Pink Charm.

43 DEEP PINK. With blotch. Cherry Jam, Wings of Song.

50 LIGHT RED. Hawkeye Red, Master Myron, Rocket, Royal Windsor, Stop-light.

52 DEEP RED. Amador, Firebrand, Kenwood, King Click, Red Charm.

54 BLACK RED. Black Opal, Mohawk, Rewi Fallu, Royal Garnet, Royal Robes.

60 LIGHT ROSE. Astrid, Frances M. Irwin, Miss Wisconsin, Rosa Van Lima, Rose O'Day, Sensation.

62 DEEP ROSE. Burma, Early Rose, Rose Gem, Rosy Red.

66 LAVENDER. Badger Beauty, Elizabeth The Queen, Elwood, Lavender and Gold, Lavender Prince, Lavender Queen, Lavender Ruffles, Minuet, Myrna Fay, Poet's Dream.

70 PURPLE. King Lear, Lancaster, Purple Supreme, Vulcan.

76 LIGHT VIOLET. Blue Beauty.

80 SMOKY. Beltrami, Bagdad, Chief Multnomah, Misty Dawn.

82 ORANGE SMOKY. High Finance, Bolero, Bronzewing.

84 PINK SMOKY. Zuni.

86 LAVENDER and /or Rose Smoky. Oklahoma, Voodoo, Irak.

90 ANY OTHER COLOR. Buckeye Bronze, King Tan, Tony, R. B.

91 ANY OTHER COLOR. With blotch. Brazil, Vagabond Prince.

"I was so very pleased with the bulbs we received from you last spring that I am ordering bulbs as birthday gifts for two of my sisters, and will send my own before long." (Wisc)

"Would like to tell you that we have had the most beautiful spikes we ever saw anywhere. Our friends said they had seen none equal to them. Our **R.B.**'s were the largest blooms, one measured $7\frac{1}{2}$ " across. We had many six inch blooms. **WINGS OF SONG, CHOCOLATE CREAM, WHITE GOLD, MAGNOLIA**, and the dark smokies were especially lovely." (Iowa)

A FEW SIMPLE SUGGESTIONS RELATIVE TO GLADIOLUS CULTURE

1. SOIL. The gladiolus is not choosey. Any good soil for vegetables is good for glads.

2. LOCATION. Keep away from buildings, fences, trees, hedges and shade of all kinds. Give the glad full sunshine, well drained soil, and reasonably loose ground.

3. SOIL PREPARATION. The same as for any garden stuff.

4. PREPARATION OF BULBS AND BULBLETS. It is not necessary to remove the husks before planting. Do not plant a diseased bulb, or one that is scrawny. Plant only healthy, solid bulbs.

5. PLANTING. In light soil plant about six inches deep. Five inches is deep enough in heavy soil. Of course they will grow in shallow planting, but are more likely to blow over, and will not withstand a drought as well as in deep planting. Space large bulbs about two to the foot, and space rows to suit cultivation convenience. Plant bulblets in trenches two inches deep, sow thickly in the row, and cultivate often.

6. FERTILIZING. Do not over fertilize. That is easily done. Ordinary good vegetable soil is good enough for glads. If you want to grow show spikes consult a grower who shows. There is nothing better than well rotted barn-yard manure. Glads need lots of humus in the soil.

7. CULTIVATION. No plant is more appreciative of good cultivation, or more responsive, than the glad. Keep the soil loose after every rain, and constantly loose during drought periods. Do not sprinkle—if you apply water at all, give the ground a deep soaking, then when dry enough cultivate. Do this about once a week or ten days in drought for best results.

8. FIELD OBSERVATIONS. Keep your eyes open for lost labels, diseased plants (those turning yellow and dying), and strays (pull them out).

9. CUTTING AND CURING THE CUT FLOWERS. Best to cut early in the morning, and place them in a cool place deep in water for a few hours. They continue to open out better if the spikes are occasionally cut back an inch or so on the slant, and given fresh water. The tip ends of the spikes may be cut short and put in shallow bowls and thus make a beautiful center piece for the table.

10. DIGGING. It is better to dig while the foliage is green, as one can then determine the diseased plants and throw them out. The bulbs also lift out of the ground better than when the tops have died. Cut the tops off immediately when dug as close to the bulb as is possible. Let the bulbs dry in shallow boxes, not over three inches deep, in an airy, cool place, then remove the old bulbs, roots and bulblets. This we call "cleaning."

11. STORAGE CARE. Storage care is about the most important part of producing healthy, disease-free glads. The bulbs should be thoroughly dried as rapidly as possible after digging. Within four to six weeks they should be cleaned. By that we mean, the old bulbs are removed, the dirt sifted out, and the bulblets taken care of. When cleaned they are then ready for the winter storage. The storage should have ventilation to prevent mildewing and the development of diseases. There are several serious diseases which develop largely in storage conditions if they are not right. Air circulation has much to do with the suppression of disease. The temperature should be as nearly 35 to 40 degrees as is possible, altho they will keep nicely in much higher temperatures. They must be protected against the temperature dropping below 32 degrees, as freezing destroys the eyes, and causes the bulb to soften and rot. Too high temperatures are not good as they hasten sprout-

"Friends in Iowa gave me your address saying that you had such wonderful glads. So I am sending you an order for 200, with check enclosed." (Missouri)

"A friend of mine has recommended your glads and loaned me her catalogue. Will you please send me the following bulbs." (Iowa)

ing, and often dries the bulbs until they are as hard as the petrified. If the temperatures are likely to be above the 50's they should be dusted with DDT of 5% strength. Dust the boxes or trays thoroughly, and leave it on all season until planting time. This is for the control and suppression of the development of thrips, which become active and multiply in temperatures above high fifties. Some advocate the use of Napthalene flakes, as we all did once upon a time. However, DDT is fully as effective, if not more so, than the flakes, minus the dangers which attend the use of Napthalene.

12. FURTHER CHEMICAL ATTENTIONS. (1) At Planting Time. Every bulb and bulblet planted should be treated at the time of planting. Such treatments should be designed to resist or defeat the development of disease and thrips. There are many recommended treatments, and there are numerous scientists experimenting widely in an effort to know more about the gladiolus pests, and their control. The simplest treatment, most available and usable by the amateur and back-door gardener is Lysol. Mix it at the rate of 1½ tablespoonsful to the gallon of water, and leave the bulbs in it from three to six hours.

(2) In The Field. The only way to be sure that thrips will not damage your flowers is to dust the growing plants with 5% DDT. Begin dustings when the plants are about six inches tall, and repeat every ten days or two weeks, and oftener if rains come sooner and wash the powder off, or thrips damage becomes evident. With DDT there is little need for other insect damage.

PERENNIAL QUESTIONS ANSWERED

1. Do glads change color? I once upon a time said positively, NO. However, so many have insisted that their's did that I now say in reply, "I have never had them change for me in twenty-five years, and don't know." And I have yet to run across a gladiolus grower who has seen their's change color. I have asked scores of inquirers if they grew their glads under label, or as mixtures where these supposed changes occurred, and invariably the answers are always "in mixtures." I am sure, in my own thinking, that they do not change, although they may deteriorate, and maybe lose some of their original characteristics due to age of bulbs, or climatic or soil conditions. The best preventive of "color changing" is to grow your glads by label. Then when one kind becomes too plentiful the stock can be reduced without disturbing the other varieties which are less prolific. You can also by that method discover the less hardy varieties which gradually decrease in numbers through decay and disease in the ground.

2. Should varieties be kept separate in storage to prevent mixing? No. They do not mix in that manner.

3. How can I lengthen the flowering season? This can be accomplished by three methods—

First, divide your bulb stock into several batches, and plant at intervals, say of two or three weeks. Planting can be done as late as July first and secure fine bloom and fully developed bulbs.

Second, purchase varieties of different blooming dates. That is where the numbers preceding the variety names may be useful.

"March first on the farm means spring, and of course I have been looking my bulbs over, and have the urge to add some new bulbs. Several people were in this past week to see if your catalogues were in. No one can forget the glads that were in our store here for weeks last summer. Even the green houses didn't begin to have the lovely bouquets that I could go out and cut every day. . . . I'm sure there are at least two dozen waiting for your catalogues." (Illinois)

"So many have come in and told me how pleased they are with the bulbs that they have gotten from you, and here I am without mine ever ordered. I am sending a check, and leave it with you to make the selections." (Ill)

Third, plant bulbs of all sizes, Large, Medium and Small. There are a number of days difference between the flowering periods of these three sizes. Of course the medium and small are not likely to produce large spikes like the large bulbs, but they will be lovely, and come later in the season.

4. What ails all my glads? The florets are dried up, do not open. Probability is that thrips have done the mischief. Thrips (Take notice—the word is always spelled with an "s" for both singular and plural), is a tiny insect said to be 1-25th of an inch in length, and blackish in color, in the adult stage. It is very quick on the wing, and thus very difficult to see with the naked eye. There are numerous species of Thrips, but one species particularly does the damage to glads which tends to take the joy out of glad growing. This insect lives in the folds of the leaves where they overlap. Here they multiply, and when the spike begins formation within the stocky stem of the plant they find their way into the new flower buds which are forming. They suck the juice out of the tender young petals, causing them to have the appearance of having dried up by heat or sunshine. If the pests are not too numerous they may affect only the margin of the petals, in which case the florets will open about full size, but will have a slightly dried out edging. If very numerous the buds may not open at all — appear from their first appearance to have been dried up by heat. Sometimes their damage shows as small whitish patches or specklings on the petals.

Before they begin action on the buds, they are at work on the new leaves which are forming within the plant. Their work will appear as silvery patches on the leaves. For control of thrips see my remarks under the heading, Cultural Suggestions.

There are many other gladiolus pests — grasshoppers, various kind of larvae, and beetles which do some damage, but are not considered in these parts of the country as dangerous or difficult to control.

More troublesome than insects, even including the thrips, are the fungus diseases, and viruses which have made themselves at home on the gladiolus. Among these is one fungus which causes gladiolus foliage to turn yellow, resulting in the decay of the plant, and often the decay of the bulb. I am asked many times every year what to do about this trouble. My advice is to pull up the plant and get it out of the field. I do not know of any field treatment that will handle this trouble. Precautionary measures are our most available resorts. Plant only clean, healthy bulbs. Dip them in some well recommended chemical antiseptic. (See my Cultural Suggestions).

JOIN A GLADIOLUS SOCIETY

1. Every glad lover ought to be a member of their State Gladiolus Society. 2. Every grower will find it well worth the cost to belong to The North American Gladiolus Council, the only national gladiolus society in the country. This society puts out a Quarterly Magazine which keeps the glad fan abreast of all that is good and progressive in the realm of gladiolus. It furnishes much information on the growing and showing of glads, and the control of disease. Membership in this national society is \$1.00 per year, which entitles the member to the magazine. In it one also learns a great deal about new varieties, and thru the advertisements, become acquainted with the leading growers and cataloguers of the nation. Address your communications concerning membership to:

Mr. Alfons Bazdorf, Lincoln Park, New Jersey.

3. The New England Gladiolus Society, while a regional society centered in Massachusetts, is a very strong organization, and issues a Yearbook, and a Magazine six times yearly, for a membership fee of \$2.00. This Society also devotes much attention to the growing and showing of gladiolus, disease control, and advertisers. Address membership communications to:

N. E. G. S. Secretary, Horticultural Hall, Boston 15, Mass.

"The bulbs arrived today in fine shape—so clean and nice. And were you ever generous with extras. Thank you so much." (Iowa)